

Title (en)  
SYSTEMS, COMPOSITIONS, AND METHODS FOR TARGET ENTITY DETECTION

Title (de)  
SYSTEME, ZUSAMMENSETZUNGEN UND VERFAHREN ZUR ZIELEINHEITSDETEKTION

Title (fr)  
SYSTÈMES, COMPOSITIONS, ET PROCÉDÉS POUR LA DÉTECTION D'ENTITÉS CIBLE

Publication  
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Application  
**EP 20766432 A 20200228**

Priority

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- US 2020020529 W 20200228

Abstract (en)  
[origin: WO2020180741A1] The present disclosure provides technologies for target entity detection. One aspect of the present disclosure provides technologies for detection (e.g., early detection) of a disease, disorder, or condition (e.g., cancer). In another aspect, technologies provided herein are useful for selecting and/or monitoring and/or evaluating efficacy of, a treatment administered to a subject in need thereof, e.g., a subject determined to have or susceptible to cancer. In some embodiments, technologies provided herein are useful for development of companion diagnostics, e.g., by measuring tumor burdens and changes in tumor burdens in conjunction with therapeutics.

IPC 8 full level  
**C12Q 1/6804** (2018.01); **C12Q 1/6816** (2018.01); **G01N 33/68** (2006.01)

CPC (source: EP KR US)  
**C12Q 1/6804** (2013.01 - EP US); **C12Q 1/6816** (2013.01 - EP KR US); **C12Q 1/6862** (2013.01 - US); **C12Q 1/6886** (2013.01 - KR US); **G01N 33/54306** (2013.01 - US); **G01N 33/574** (2013.01 - EP); **G01N 33/57484** (2013.01 - US); **G01N 33/57488** (2013.01 - EP); **G01N 33/6854** (2013.01 - EP); **C12Q 1/6886** (2013.01 - EP); **C12Q 2521/501** (2013.01 - KR); **C12Q 2545/101** (2013.01 - KR); **C12Q 2600/112** (2013.01 - KR US); **C12Q 2600/118** (2013.01 - KR US); **C12Q 2600/156** (2013.01 - US); **C12Q 2600/166** (2013.01 - US); **G01N 2030/027** (2013.01 - US)

C-Set (source: EP)  
1. **C12Q 1/6816** + **C12Q 2521/501** + **C12Q 2537/143**  
2. **C12Q 1/6804** + **C12Q 2531/113** + **C12Q 2533/107**

Citation (search report)

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- See also references of WO 2020180741A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

DOCDB simple family (publication)  
**WO 2020180741 A1 20200910**; AU 2020233286 A1 20211014; AU 2020233286 B2 20221020; AU 2022241629 A1 20221027; CA 3129868 A1 20200910; CN 113748217 A 20211203; CN 113748217 B 20230825; EP 3931351 A1 20220105; EP 3931351 A4 20220511; EP 3931351 B1 20240911; EP 3998349 A2 20220518; EP 3998349 A3 20220824; JP 2022521781 A 20220412; JP 7344973 B2 20230914; KR 102599718 B1 20231109; KR 20210141952 A 20211123; SG 11202109423T A 20210929; US 11085089 B2 20210810; US 2020299780 A1 20200924; US 2021214806 A1 20210715; US 2022155304 A1 20220519

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